ERIC Document Resume	See Instruction Sheet	DATE OF RESUME	DATE RECEIVED

A. PUBLICATION DATA

1. ED NUMBER	2. ORIGINATOR CONTROL NO(S).	3. IDENTIFICATION NO.
ED001057	No	No

DO NOT WRITE IN SPACE BELOW

4. AUTHOR(S):
No

5. TITLE OF DOCUMENT ABSTRACTED:
Cyclic Review: Sets B, D, F, and H Booklets 7-20 For Independent Growth in Mathematics

6. PUBLICATION TITLE:
No

MICROFILM COPY AVAILABLE YES ☐ NO ☐

COPYRIGHT GRANTED YES ☐ NO ☐

COPYRIGHT RELEASE FILED YES ☐ NO ☐

TYPE OF REPORT
PROPOSAL ☐
IN-PROGRESS ☐
FINAL ☐
FOLLOW-UP ☐

7. EDITOR(S):
No

8. PLACE OF ORIGIN
ORG: Mobilization for Youth Curriculum Center
ST: 117 Suffolk St.,
CITY, STATE: New York, N.Y.
TELE. EXT.
INST/LOC CODE

9. PUBLISHER OR SOURCE
Mobilization For Youth, Inc. Curriculum Center

10. VOL.	11. PAGES	12. MO./YR.	13. TOTAL PP.

OTHER ERIC REFERENCES:

ERIC SATELLITE CODE

B. INDEXING DATA

14. SUBJECT AREA

15. TYPE OF ENDEAVOR
Curriculum Guide

16. INDEXING TERMS (6-12)
mathematics curriculum
culturally deprived
elementary schools

17. ABSTRACT (MAX. 250 WORDS)

Ten word-problems are presented in each of the following areas: multiplication, division, fractions, and decimal fractions. Specially prepared to motivate culturally deprived students in mathematics, the problems contain references to objects familiar to these students.

ERIC No.

18. SOURCE OF ABSTRACT

C. FUNDING DATA

19. SUPPORTING ORGANIZATION	20. DIVISION OR DEPT.	21. CONTRACT NO. / PROJECT NO.
	22. TOTAL COST OF PROJECT	
	23. DURATION OF PROJECT	U.S. Department of Health, Education, and Welfare Office of Education

ERIC Form 1

(R10) R14

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INFORMATION RETRIEVAL CENTER ON THE DISADVANTAGED
Ferkauf Graduate School of Education, Yeshiva University

CYCLIC REVIEW

SET B

BOOKLETS 7-10

FOR INDEPENDENT GROWTH IN MATHEMATICS MULTIPLICATION

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CYCLIC REVIEW

BOOKLETS 7-10
MULTIPLICATION

1. Joan has 6 boxes of picture post cards. If each box contains 7 picture post cards. How many post cards has she all together?

2. Apples are priced 2 for $.15. What is the price of 4 apples?

3. Each row in a school auditorium has 30 seats. If there are 26 rows, how many seats are there in the auditorium?

4. The Self-Service Laundromat charges $.30 for 15 pounds of wet wash. What would be the cost of 30 pounds?

5. Tickets for a school play cost $.35 each. How much will 100 tickets cost?

6. 17 girls in the Service Squad acted as usherettes for the school play. If each usherette seated 29 people, what was the attendance?

7. To make money for the school the G.O. sells daily newspapers. The cost to the G.O. is $.15 a week for each newspaper. How much money will the G.O. make for the school if they sell 750 newspapers, at the rate of $.25 a week?

8. JHS order 650 gym suits for the girl's gym classes. If each suit costs $2.49, what was the total cost of the gym suits?

9. 136 pupils from the 9th grade went on a trip to Gettysburg, Pennsylvania. If the trip ticket for each pupil costs $7.65, what was the total cost for the 9th graders?

10. At a JHS performance given on Monday, 275 tickets were sold at $.16 each. How much money was taken in for that day?

CYCLIC REVIEW

SET D

BOOKLETS 11-13
For Independent Growth In Mathematics Division

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CYCLIC REVIEW

Booklets 11-13
Division

1. Judy filled 4 trays with 28 peanut butter sandwiches. How many sandwiches were there in each tray.

2. Lydia went to her sister's college graduation. The 552 members of the graduating class marched in groups of 8. How many groups were there?

3. Margie needs 36 candles for her father's birthday cake. If the candles come 6 to a pack, how many packs of candles does Margie need to buy?

4. The parents of the pupils of JHS 22 gave the school $232.50 to purchase art equipment. They wanted each of the 62 classes to have the same amount of money to spend How much did each class receive?

5. Ellen made 24 necklaces. If she used 960 beads, how many beads were there in each necklace?

6. In one week Rose earned $8.75 for 7 hours work as a part-time waitress in a coffee shop. How much an hour does she earn?

7. Gregory saved a match book cover daily. How many years (365 days in a year) did it take him to save 1461 match book covers?

8. The 6000 Girl Scouts in the city started their annual cookie sale to raise money. They have 24,000 boxes of cookies to sell. If they divide the boxes equally, how many should each Girl Scout sell?

9. The Board of Education purchased 12,645 tomato plants for the school gardens. If there are 843 schools throughout the city, how many plants will each school receive

10. Eddie works in the M.F.Y. gasoline station. On Monday morning he sold 247 gallons of regular gasoline for a total of $81.51. How much per gallon was the gasoline?

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CYCLIC REVIEW

SET F
BOOKLETS 14-17 - FRACTIONS
INDEPENDENT GROWTH IN MATHEMATICS

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CYCLIC REVIEW

Booklets 14-17
Fractions

1. A pizza is cut into 8 parts. 1/8 is sold. What part of the pie is left?

2. Jim and Joe took a hike. They walked 5 1/8 miles on Tuesday and 3 1/8 on Wednesday. If they have to cover 10 miles, how far will they have to walk on Thursday?

3. M.F.Y. Luncheonette bought 5 chickens. Each chicken weighed $2\frac{1}{2}$ pounds. What was the total weight of the chickens?

4. Mario buys $3\frac{1}{2}$ pounds of bird seed per week to feed his pigeons. How much bird seed does he buy over a period of 52 weeks (one year)?

5. Doris lives 2 7/8 miles from her JHS. Her cousin Ida lives 1 1/8 miles from the same school. How much farther does Doris live from school than Ida?

6. The "Cozy Corner" buys 140 pounds of potato chips every week. If the chips come in $\frac{1}{4}$ pound bags how many bags does the "Cozy Corner" buy?

7. Tommy and Carlos tied and weighed 4 bundles of old magazines for the school book sale. The bundles weighed $3\frac{1}{4}$ pounds, 6 2/3 pounds, 5 5/8 pounds and $9\frac{1}{2}$ pounds. What was the total weight of the 4 bundles?

8. When Nickie got his first summer job he decided to bank 2/3 of his wages. If he made $25.20 a week, how much money did he bank?

9. Enrique used $2\frac{1}{2}$ yeards of wire for a science exhibit. The roll of wire had 10 3/5 yards on it. How much was left?

10. In Arts and Crafts Joe used $\frac{1}{2}$ foot of leather to make a wallet; Luis used 2 2/3 feet to make a belt, and Bobby used 2 3/4 feet to make a book cover. How many feet of leather were used?

CYCLIC REVIEW

Set H
BOOKLETS 18-20

INDEPENDENT GROWTH IN MATHEMATICS

DECIMAL FRACTIONS

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CYCLIC REVIEW

Booklets 18-20

1. The humidity index on Wednesday was 71.8. On Thursday, it was 84.6. What is the difference in the index for the two days?

2. If a gallon of gasoline weighs 6.2 pounds, and Jose's father's car takes 16.5 gallons, what is the weight of a tank full of gasoline?

3. Roberto bought 25 marbles for $.07 each. How much did the marbles cost?

4. Mrs. Ramos bought a 21.8 pound turkey for the Thanksgiving Dinner. If the turkey cost $12.86, how much per pound did it cost?

5. 5 boys from class 7-12 weighed a total of 634.5 pounds. If 4 of the boys weighed 132.4 pounds each, what did the fifth boy weigh?

6. At 1 P.M. the temperature was 74.06 degrees. At 4 P.M. it was 77.63 degrees. How much warmer was it at 4 P.M.?

7. There was a supply of 49.7 pounds of coffee at the MFY Food Shop. If 4.7 pounds were to be used daily, what would be left at the end of the week? (5 day week)

8. For a class party, $3.55 was spent for cakes and cookies, $2.35 for ice cream, $1.80 for soda, and $1.45 for potato chips. If $10.00 was collected by the class, how much money was left?

9. In Pitt Street Pool the water at the deep end of the big pool is 15.8 feet deep. In the wading pool the shallow end is 1.5 feet deep. What is the difference in depths between the big pool and the wading pool?

10. On Monday the Weather Bureau reported that the East River was 22.6 feet deep. On Tuesday it was 24.11 feet deep and on Wednesday 25.7 feet deep. How much did the river rise from Monday to Tuesday; from Tuesday to Wednesday? What was the total rise for the two days?